



## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 1

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Reflections  
Recommended Use: Machine glaze for automotive paintwork  
Supplier: Gleam-It Products Pty Ltd  
Address: Unit 4/212 Commercial Drive  
Ashmore Qld 4214  
Australia  
Telephone: +617 5531 1544  
Emergency Telephone: +617 5531 1544 (8 am to 5 pm EST)

### 2. HAZARDS IDENTIFICATION

GHS Classification of the substance or mixture: This substance / preparation is classified as non hazardous according to the GHS of Classification and Labelling of Chemicals, Third Revision.

Classification of the substance or mixture: -

#### GHS label elements

Hazard pictograms: -

Signal word: -

Hazard statements: -

Precautionary statements: -

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Ingredients determined not to be hazardous	-	10 - 30%
Distillates (Petroleum), Hydrotreated Heavy	64742-48-9	10 - 30%
Aluminium Oxide	1344-28-1	10 - 30%
Glycerin	56-81-5	< 10%
Distillates (Petroleum), Hydrotreated Light Paraffinic	64742-55-8	< 10%
White Mineral Oil (Petroleum)	8042-47-5	< 10%
Morpholine	110-91-8	< 1%
Benzisothiazolinone	2634-33-5	< 0.1%
Methylisothiazolinone	2682-20-4	< 0.1%

The authorities of the European Community have selected 26 fragrance ingredients which are considered to be potential allergens. If any of these 26 fragrance ingredients are determined to be present at a level of 10 ppm (= 0.001%) or more in a leave-on personal care product or at a level of 100 ppm (= 0.01%) or more in a rinse-off personal care product or detergent product, then they must be included as an ingredient on the product label if the product is to be sold in the European Community. Whilst Australian legislation and regulations for personal care products and detergent products does not require such ingredient disclosure, it is provided below in the interests of transparency and to assist consumers in making an informed choice.

*Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (=0.01%) or more*

Nil (no fragrance contained in the product)

#### **4. FIRST AID MEASURES**

Ingestion:	Rinse mouth out with water. Do not induce vomiting. Give plenty of water to drink. If irritation develops and persists, seek medical advice or contact the Poisons Information Centre (phone Australia 13 1126, NZ 0800 764 766).
Eye:	Immediately hold eyes open and flush with water for at least 15 minutes. If irritation persists, seek medical advice.
Skin:	Wipe off excess with tissue or towel. Remove contaminated clothing. Wash well with water. Seek medical advice if irritation occurs.
Inhaled:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, seek medical advice.
First Aid Facilities:	Workcover recommended first aid facilities appropriate to the size of the workplace.
Advice to Doctor:	Treat symptomatically.

#### **5. FIRE FIGHTING MEASURES**

Extinguishing media:	Water spray or fog. Foam, dry chemical powder or carbon dioxide extinguishers.
Hazards from combustion products:	This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes containing carbon monoxide, carbon dioxide and nitrogen oxides.
Personal protective equipment:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.
Hazchem code:	None assigned.

#### **6. ACCIDENTAL RELEASE MEASURES**

Emergency procedures:	Slippery when spilt. Avoid accidents, clean up immediately. Wear appropriate protective equipment during clean-up.
Methods and materials for containment and clean up:	Contain spill to prevent contamination of drains / waterways. Use absorbent material such as sand or earth. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Wash area down with water to remove residual material.

## 7. HANDLING AND STORAGE

Precautions for safe handling: Follow product label directions. Avoid skin and eye contact. Avoid breathing vapours or dusts generated during use.

Conditions for safe storage: Store in original containers in a cool (below 30°C), dry, well-ventilated area and out of direct sunlight. Store away from foodstuffs and foodstuff containers.

Storage incompatibility: None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards: Australia <sup>(1)</sup>

Ingredient	CAS No. <sup>(a)</sup>	TWA		STEL		Carcinogen Category	Notices
		ppm <sup>(b)</sup>	mg/m <sup>3</sup> <sup>(c)</sup>	ppm <sup>(b)</sup>	mg/m <sup>3</sup> <sup>(c)</sup>		
Aluminium Oxide	1344-28-1	-	10	-	-	-	(d)
Glycerin (mist)	56-81-5	-	10	-	-	-	(d)
Morpholine	110-91-8	20	71				Sk
Oil Mist, Refined Mineral	8012-95-1		5				(e)

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

<sup>(1)</sup> Safe Work Australia Workplace Exposure Standard for Airborne Contaminants 16/12/2019

<sup>(a)</sup> CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

<sup>(b)</sup> Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.

<sup>(c)</sup> Milligrams of substance per cubic metre of air.

<sup>(d)</sup> This value is for inhalable dust containing no asbestos and < 1% crystalline silica.

<sup>(e)</sup> No exposure standard is provided for the ingredients:  
 Distillates (Petroleum), Hydrotreated Heavy (CAS 64742-48-9)  
 Distillates (Petroleum), Hydrotreated Light Paraffinic (CAS 64742-55-8)  
 White Mineral Oil (Petroleum) (CAS 8042-47-5)  
 so the exposure standard for Oil Mist, Refined Mineral (CAS 8012-95-1) is provided as a recommended guide

Sk Absorption through the skin may be a significant source of exposure.

Sen Respiratory and/or Skin Sensitiser

Biological limit values: Not available.

Engineering controls: None under normal use conditions.

Personal protective equipment: Eyes: The wearing of eye protection when handling the product in industrial situations is recommended.

Hands: The wearing of nitrile or rubber gloves is recommended.

Respiratory: Wear a P3 dust mask during use.

Other: Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque pale grey paste
Odour	Essentially odourless
pH (neat)	Approximately 8.8
Vapour Pressure (kPa)	Not available
Boiling Point (°C)	Approximately 100°C (water)
Melting Point (°C)	< 0°C
Solubility in Water	The product is an oil-in-water emulsion that suspends an insoluble mild abrasive so it is dispersible in water but upon dilution the abrasive will precipitate
Specific Gravity	Approximately 1.010 @ 20°C
Flash Point (°C)	Not applicable (oil-in-water emulsion)
Flammability Limits	Not flammable
Ignition Temperature	Not available
Specific Heat Value	Not available
VOC Content	< 25%
Evaporation Rate	Not available
Viscosity	Approximately 100,000 cps @ 20°C
Volatile Component	Approximately 90%
Saturated Vapour Pressure	Not available
Decomposition Temperature	Not available

## 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Excessive heat and direct sunlight.
Incompatible materials:	None known.
Hazardous decomposition products:	Thermal degradation may produce carbon monoxide, carbon dioxide and nitrogen oxides.
Hazardous reactions:	None known.

## 11. TOXICOLOGICAL INFORMATION

Potential health effects:

### Acute

Swallowed:	May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include vomiting, abdominal pain, diarrhoea and nausea. THE ATE has been calculated to be > 5000, so the product is NOT considered to be toxic according to GHS criteria.
Eye:	The eye irritation Cat 2A score has been determined to be < 1, so the product is NOT considered by GHS to be a Cat 2A eye irritant. However, may cause irritation to the eyes, including redness and stinging, especially if the abrasive dust enters the eyes.
Skin:	The skin irritation Cat 2 score has been determined to be < 1, so the product is NOT considered by GHS to be a Cat 2A skin irritant. However, repeated or prolonged skin contact may lead to irritation.

Inhaled:	THE ATE for vapours has been calculated to be > 11 and the ATE for dusts has been calculated to be > 1.5, so the product is NOT considered to be toxic by inhalation according to GHS criteria. However, the product contains a number of ingredients with exposure standards.
Aspiration:	Whilst this product contains ingredients that are deemed to be aspiration hazards, the viscosity of the product is > 20.5 mm <sup>2</sup> /s @ 40°C so the product is NOT considered to be an aspiration hazard according to GHS criteria.
<u>Chronic</u>	This product contains petroleum-based ingredients that are deemed to elicit Carcinogen Cat 1B or Mutagen Cat 1B classifications, in each case these petroleum-based ingredients contain less than 0.1% w/w Benzene and < 3% w/w Toluene and < 3% w/w n-Hexane, so these particular CMR classifications do NOT apply to the product.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity:	The product has not been tested for ecotoxicity, but the below statements have been derived from a summation of all substances with known ecotoxicities in the product based on the GHS criteria. NOT considered to be an acute hazard to the environment. NOT considered to be a chronic hazard to the environment.
Persistence and Degradability	The surfactants contained in this product are classified as readily biodegradable according to OECD criteria. The 2016 DID List <sup>(2)</sup> also indicates that the surfactants are anaerobically biodegradable. However, some ingredients contained in the product are either inherently biodegradable or persistent or their biodegradability status is unknown.
Mobility	No information available.
Other	Avoid contaminating waterways. Contain spills.

## 13. DISPOSAL CONSIDERATIONS

Waste disposal:	Dispose of by incineration or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations.
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## 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number:	None
Proper Shipping Name:	None
Dangerous Goods Class:	None
Subsidiary Risk:	None
Pack Group:	None
Hazchem Code:	None
Marine Pollutant:	No
Special precautions for user:	None

## 15. REGULATORY INFORMATION

Poisons Schedule: None. The total concentration of liquid hydrocarbons in this product is < 25% w/w.

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

For Emergencies: Australian Poisons Information Centre – phone 13 1126  
New Zealand Poisons Information Centre – phone 0800 764 766

Prepared By: Greg Bryant  
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References:

<sup>(2)</sup> Detergent Ingredient Database (DID) List:

<http://ec.europa.eu/environment/ecolabel/documents/Calculation%20Sheet%20cosmetics.xlsx>

The LC<sub>50</sub>/EC<sub>50</sub> and NOEC values quoted are those contained in the DID List

This MSDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.

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